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PHA 4200.1 (3090/5A)
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Ng et al.

Art Unit 1614

Serial No. 10/672,680

Filed September 26, 2003

Confirmation No. 9809

For PROCESSES FOR PREPARATION OF 9,11-EPOXY STEROIDS AND
INTERMEDIATES USEFUL THEREIN

January 7, 2004

COMMISSIONER FOR PATENTS

P.O. BOX 1450

ALEXANDRIA, VIRGINIA 22313-1450

SIR:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicants submit the references listed on the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein.

The references listed on the attached PTO/SB/08A have been previously submitted in parent application Serial No. 09/923,977 and, therefore, in accordance with MPEP 609, are not being provided at this time.

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R. §1.97(b) in that applicants believe that it is being filed prior to the mailing date of the first Office action on the merits. Accordingly, neither a statement nor fee under 37 C.F.R. §1.97(c) or (d) is required. However, if an Office action was issued prior to the date of mailing of this Information Disclosure Statement, the Commissioner is hereby

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Respectfully submitted,

Patricia K. Fitzsimmons

Patricia K. Fitzsimmons, Reg. No. 52,894
SENNIGER, POWERS, LEAVITT & ROEDEL
One Metropolitan Square, 16th Floor
St. Louis, Missouri 63102
(314) 231-5400

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PRO 609/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
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				Group Art Unit	1614
				Examiner Name	not yet assigned
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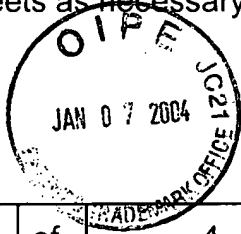
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	3,053,856		Payne et al.	09-11-1962
	2	3,200,113		Christiansen et al.	08-10-1965
	3	3,300,489		Holden	01-24-1967
	4	3,413,288		Creger	11-26-1968
	5	3,759,791		Marsheck	09-18-1973
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	7	3,972,878		Schirmann et al.	08-03-1976
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	12	5,565,588		Batist et al.	10-15-1996
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office	Number ⁴	Kind Code ² (if known)			
	14	DE	2349022		Schering AG	04-10-1975	
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	19	EP	0123734	A1	Gist Brocades NV	11-07-1984	
	20	EP	0165902	A1	Ciba Geigy AG	12-27-1985	
	21	WO	97/21720		Searle & Co.	06-19-1997	
OTHER ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.					T ⁶
	22	Abstract 084228, "Hydroxylated Androstane Production From Sterols", Chemical Abstracts, March 12, 1984, pages 430, Volume 100, Number 11					
	23	ARIAS, L. et al., "Epoxidation of Alkenes with Trichloroacetonitrile/Hydrogen Peroxide in a Neutral Biphasic Solvent System", <i>Journal of Organic Chemistry</i> , 1983, pages 888-890, Volume 48					
	24	BROWN, Edward A. et al., "Steroidal Aldosterone Bleckers III", <i>Journal of Organic Chemistry</i> , 1960, pages 96-99, Volume 25, Number 1					

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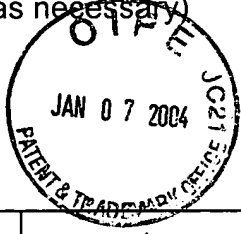
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	36	NAGATA, W. et al., "Hydrocyanation, VI. Application of the New Hydrocyanation Methods to Conjugate Hydrocyanation of α,β -Unsaturated Ketones, Conjugated Dienones, and Conjugated Enamines and to Preparation of α -Cyanohydrins", <i>Journal of the American Chemical Society</i> , 1972, pages 4654-4672, Volume 94:13	

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	37	NICKISCH, K. et al., "Aldosterone Antagonists. 3. Synthesis and Activities of Steroidal 7 α -(Aldoxycarbonyl)-15,16-Methylene Spirolactones", <i>Journal of Medicinal Chemistry</i> , February 1990, pages 509-513, Volume 33, Number 2	
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